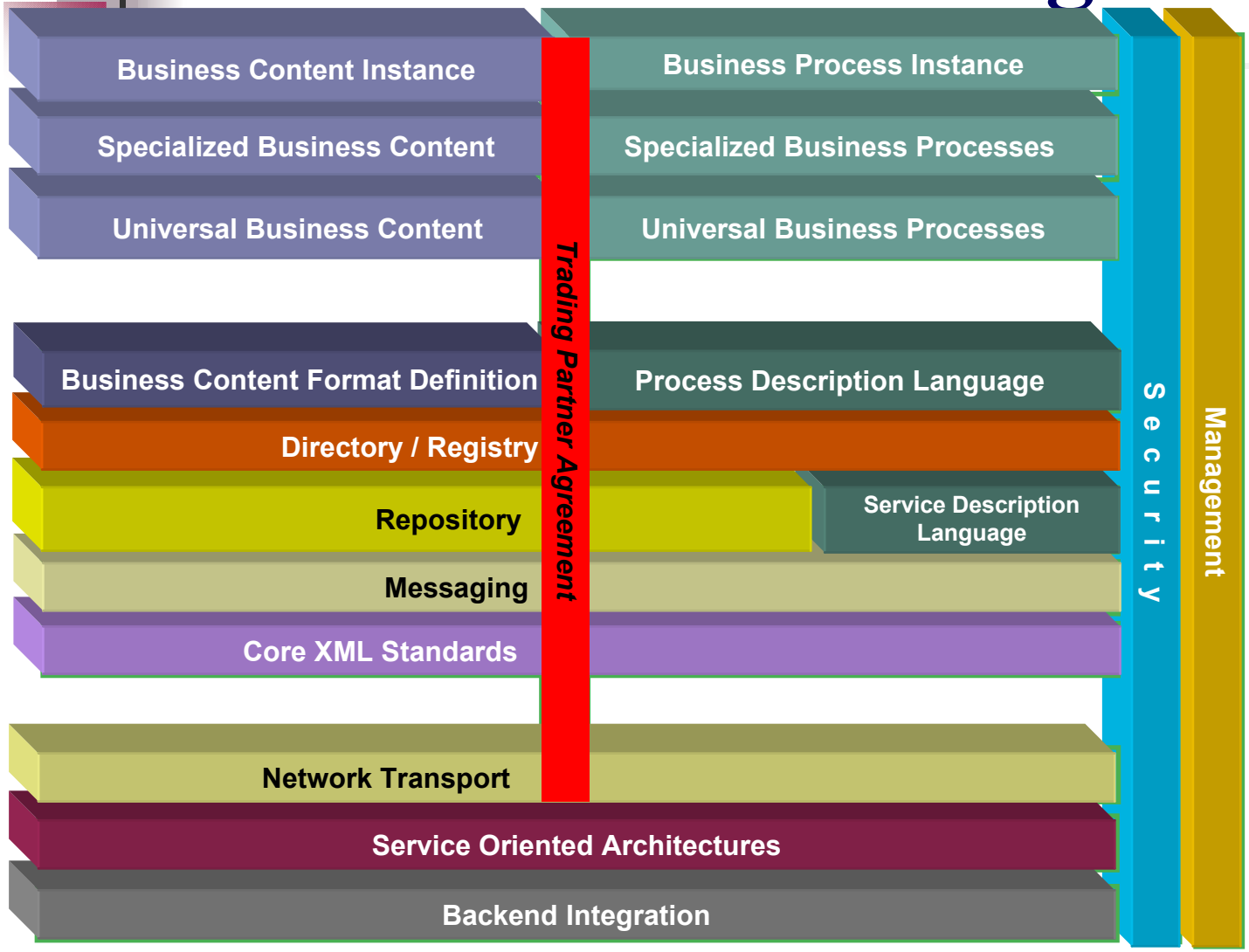
"High-Level Conceptual Model for B2B Integration"



Business Conceptual Model

(Definitions, format, structure, and choreography)

Technical Conceptual Model

(Standards, protocols and tools)

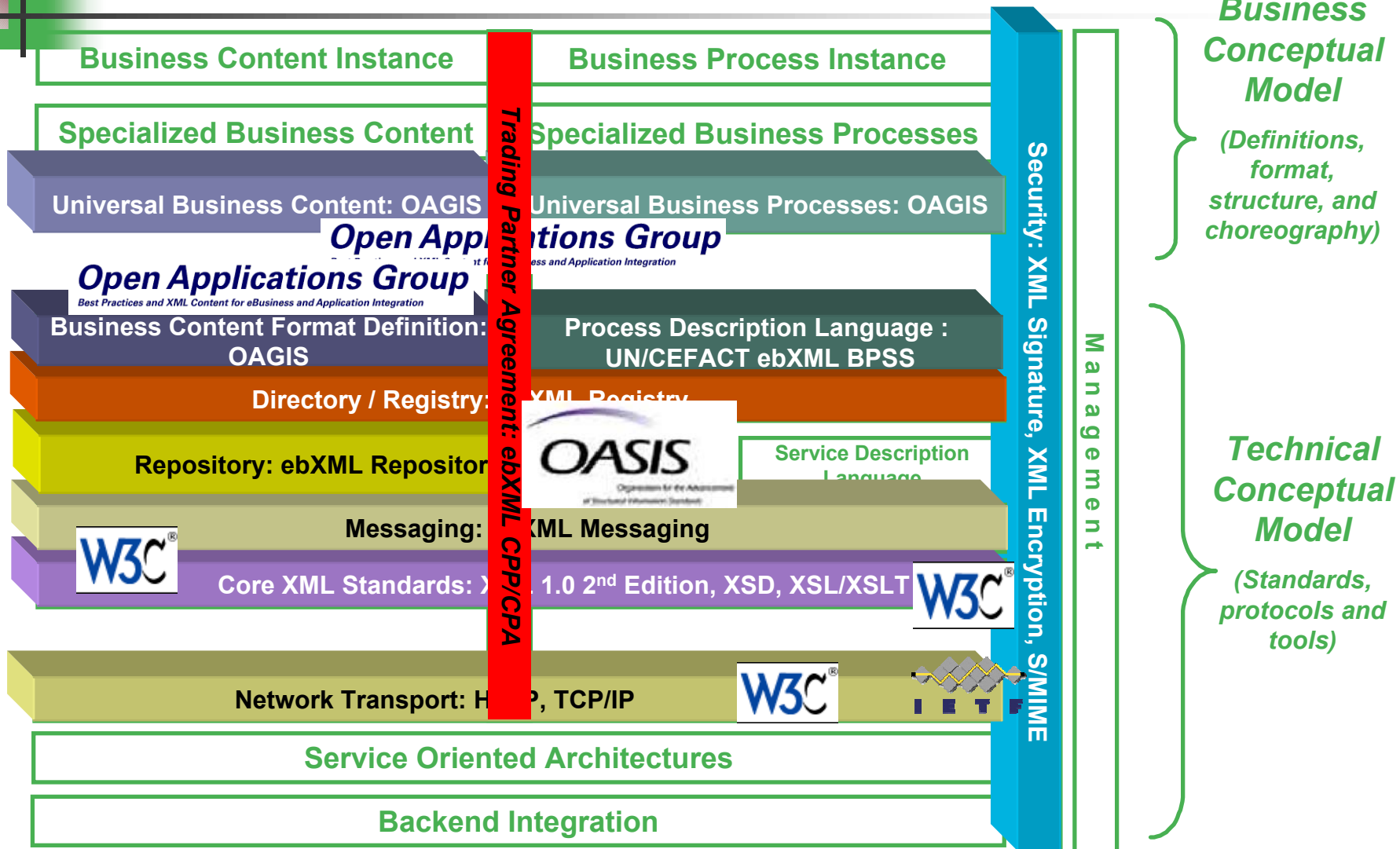
bic
BUSINESS INTERNET CONSORTIUM

XML Messaging Roadmap for the Automotive Industry

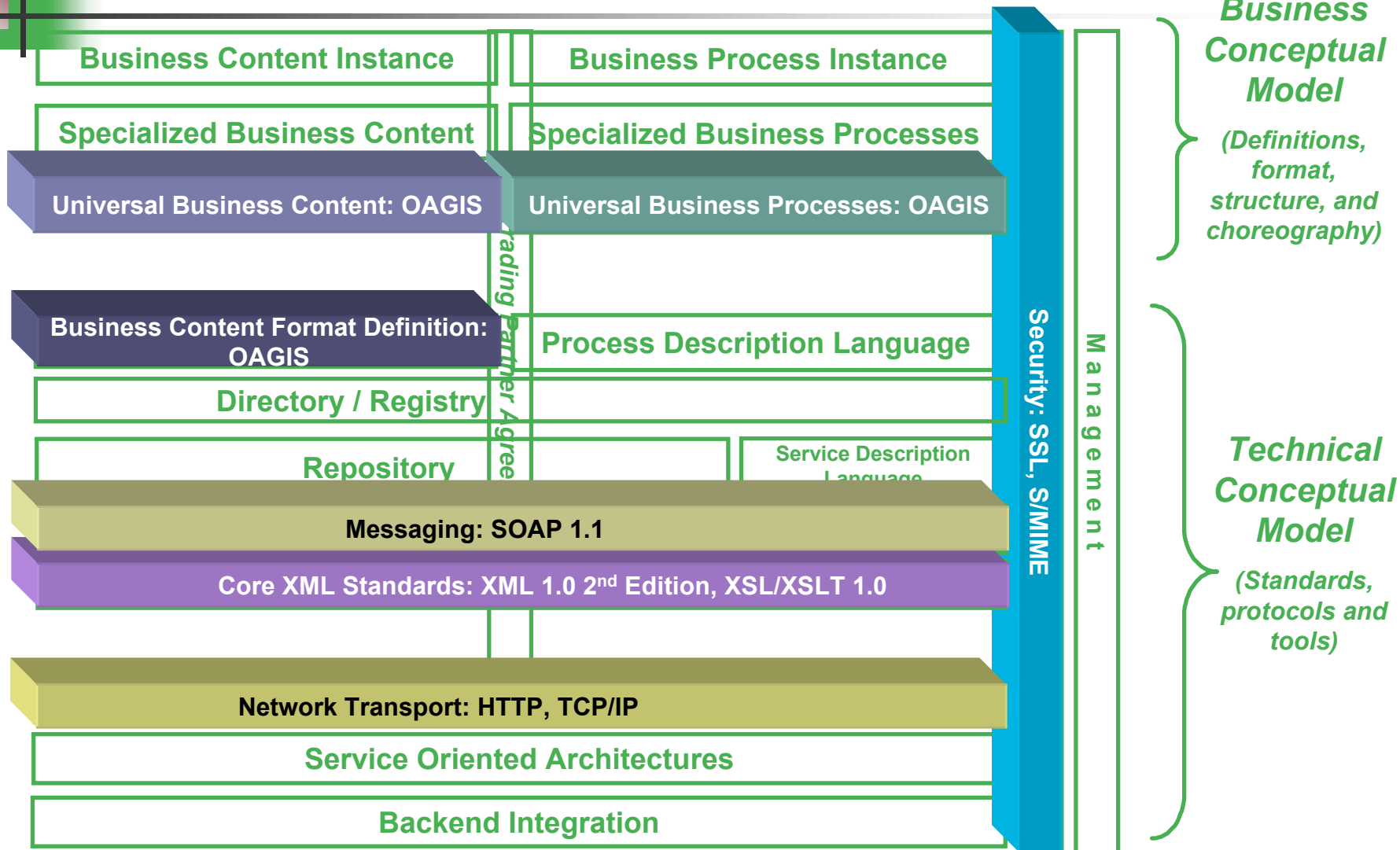
(draft 7 – May 29, 2003)

2002 AIAG Recommendation

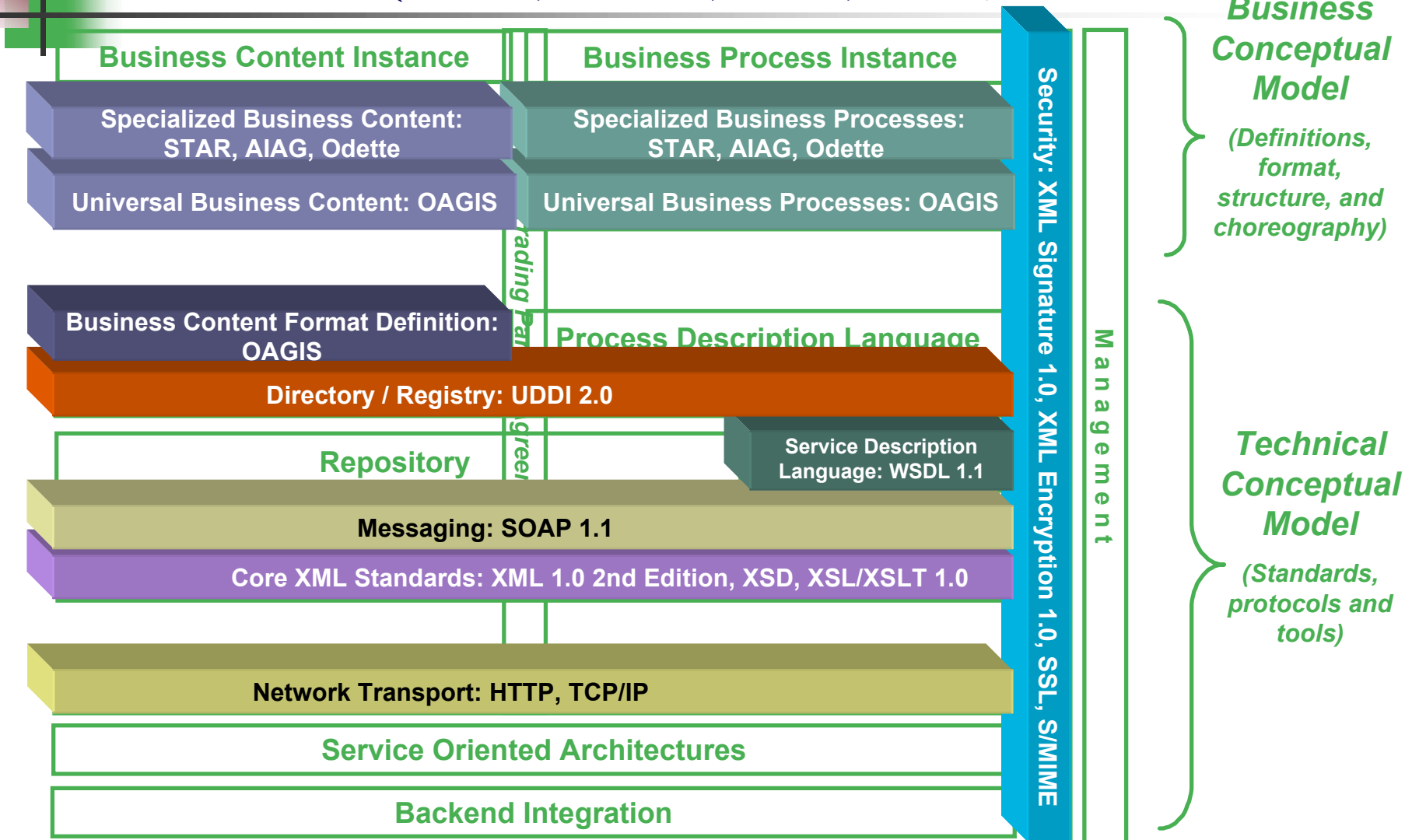
(Open Applications Group, Organization for the Advancement of Structured Information Systems, World Wide Web Consortium, Internet Engineering Task Force, United Nations Centre for Trade Facilitation and Electronic Business)



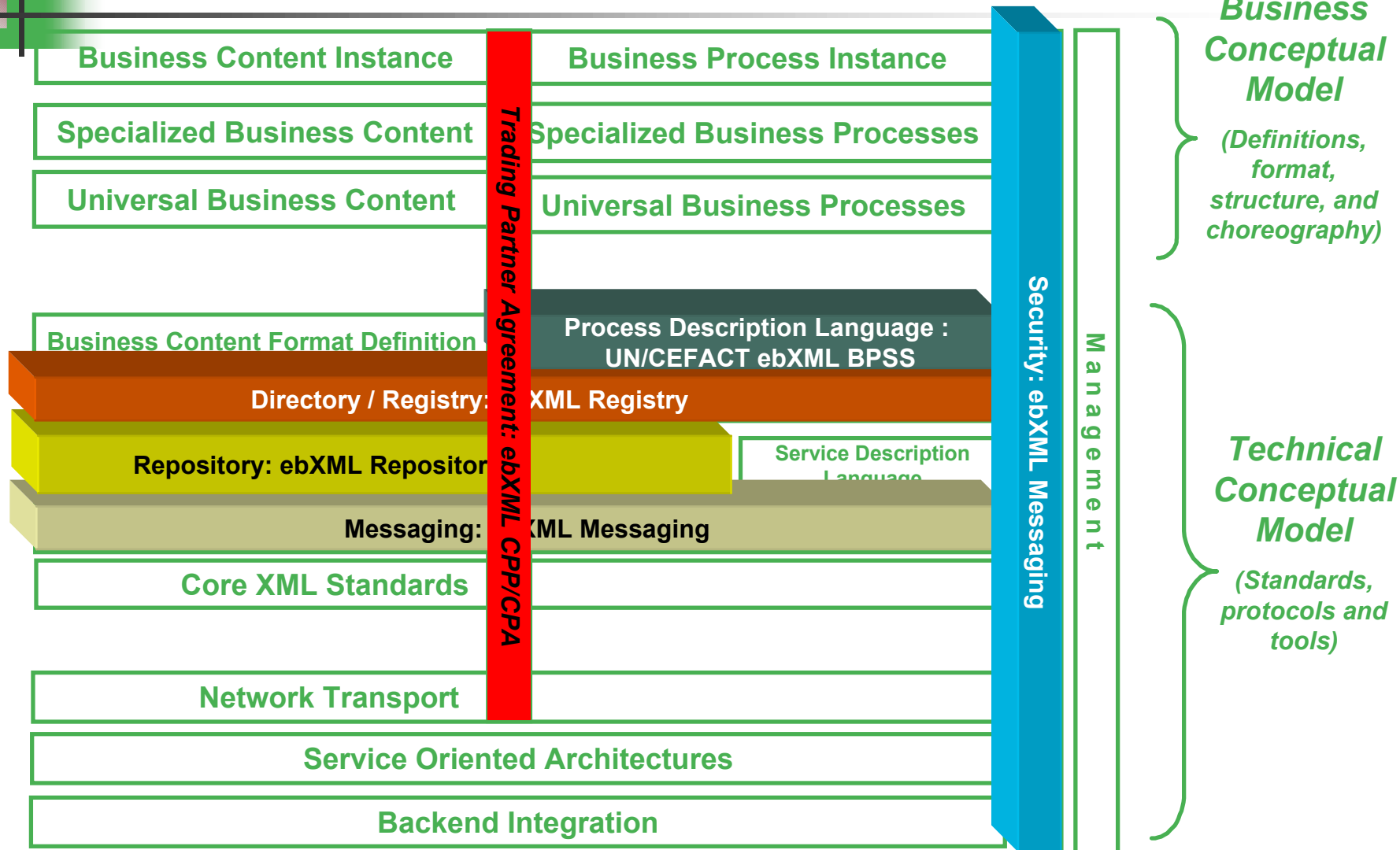
2002 - In Production (OAGI, W3C, ITEF)



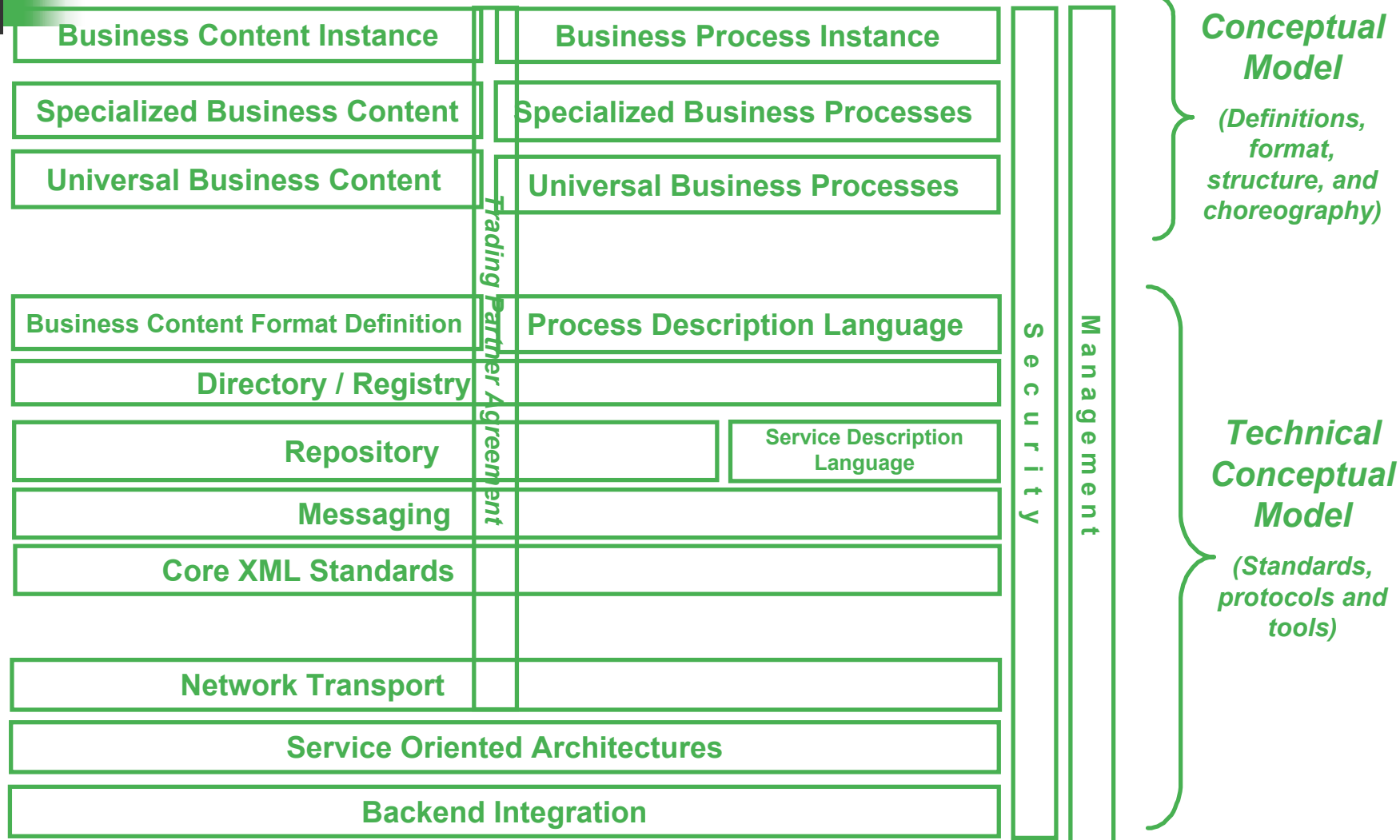
2003 XML Technologies In Production Compatible with Both ebXML and Web Services (OAGI, OASIS, W3C, IETF)



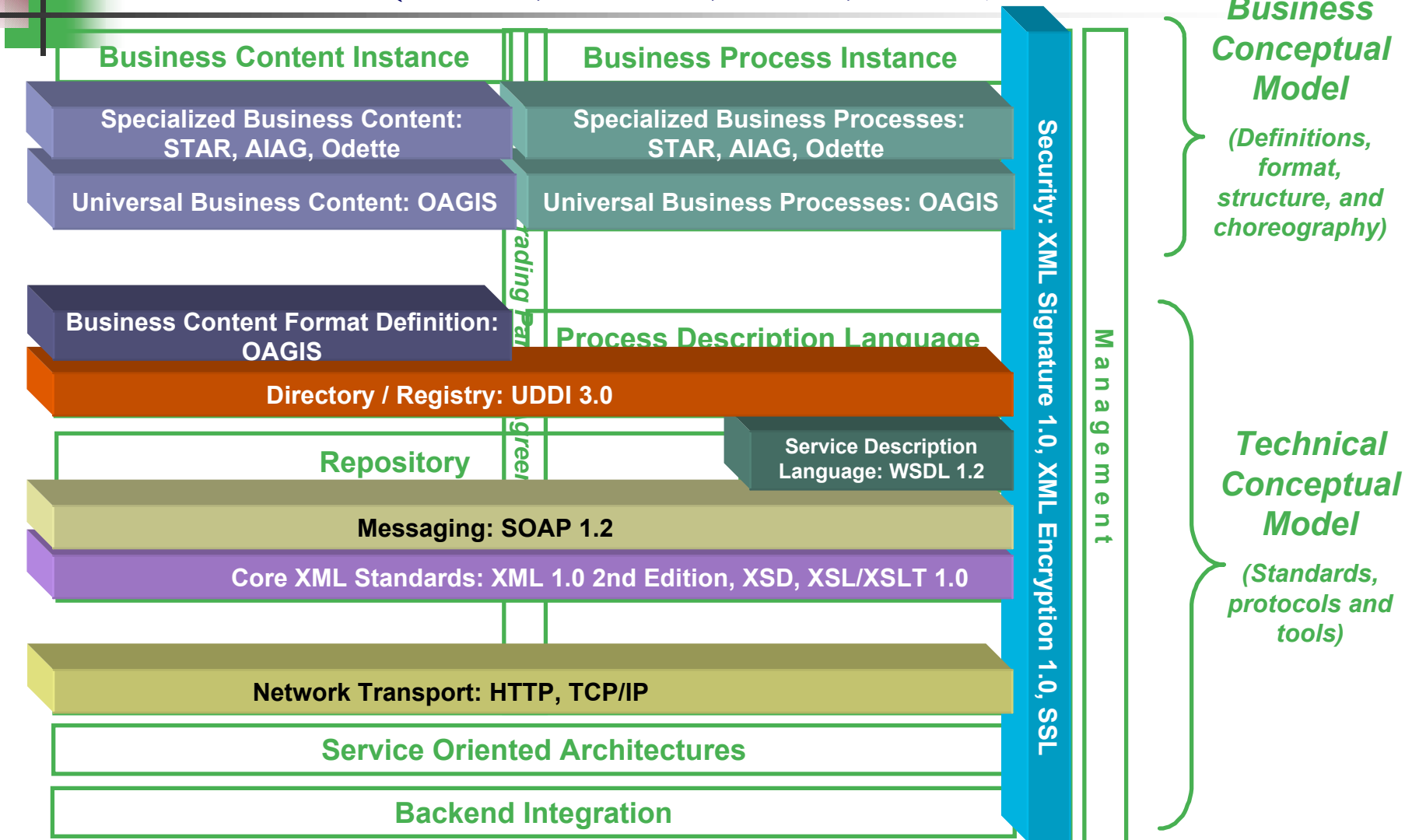
2003 ebXML-Specific Technologies In Production (OASIS, UN/CEFACT)



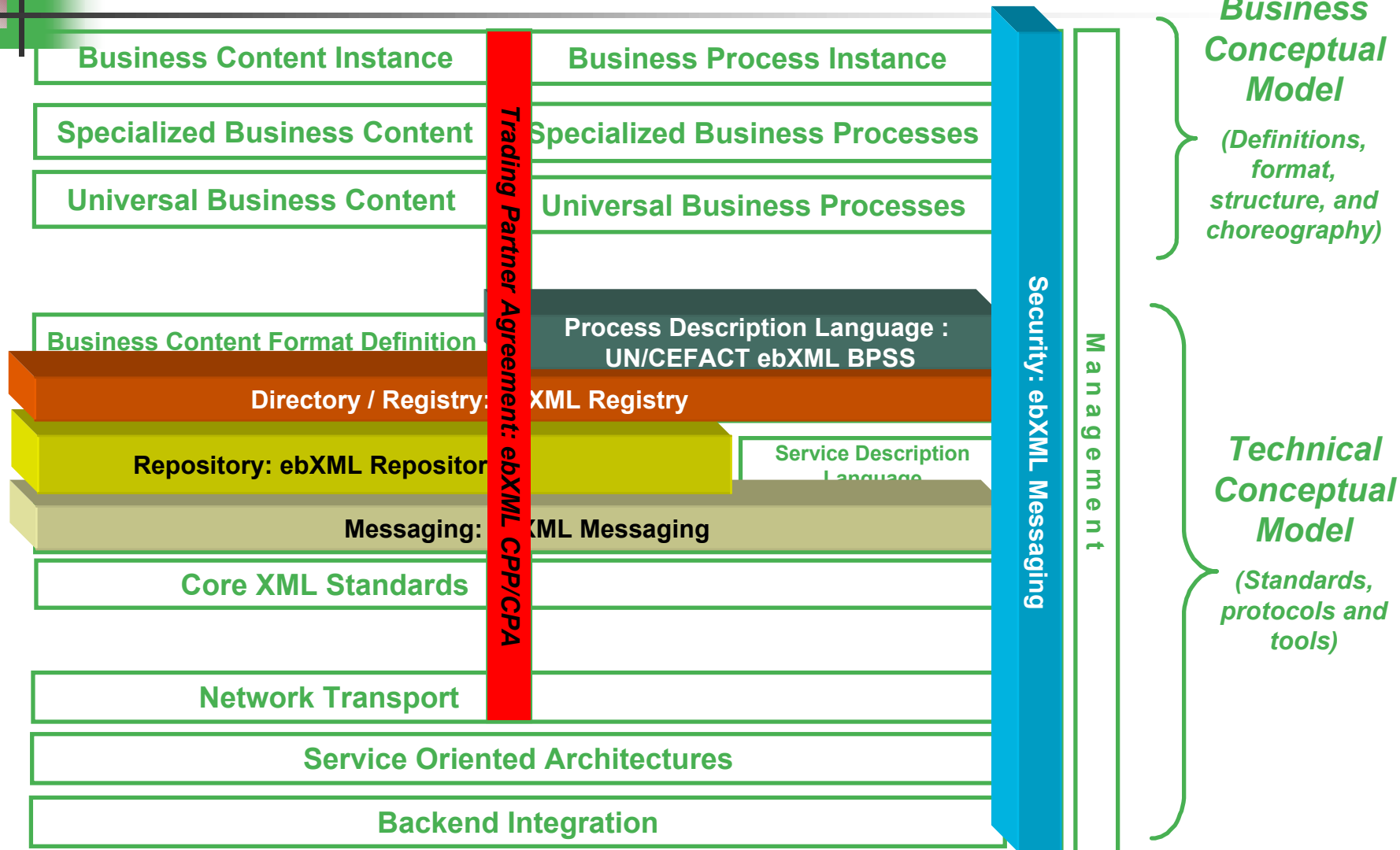
2003 Web Services Specific Technologies In Production - OASIS, W3C, Web Services-Interoperability Organization (WS-I)



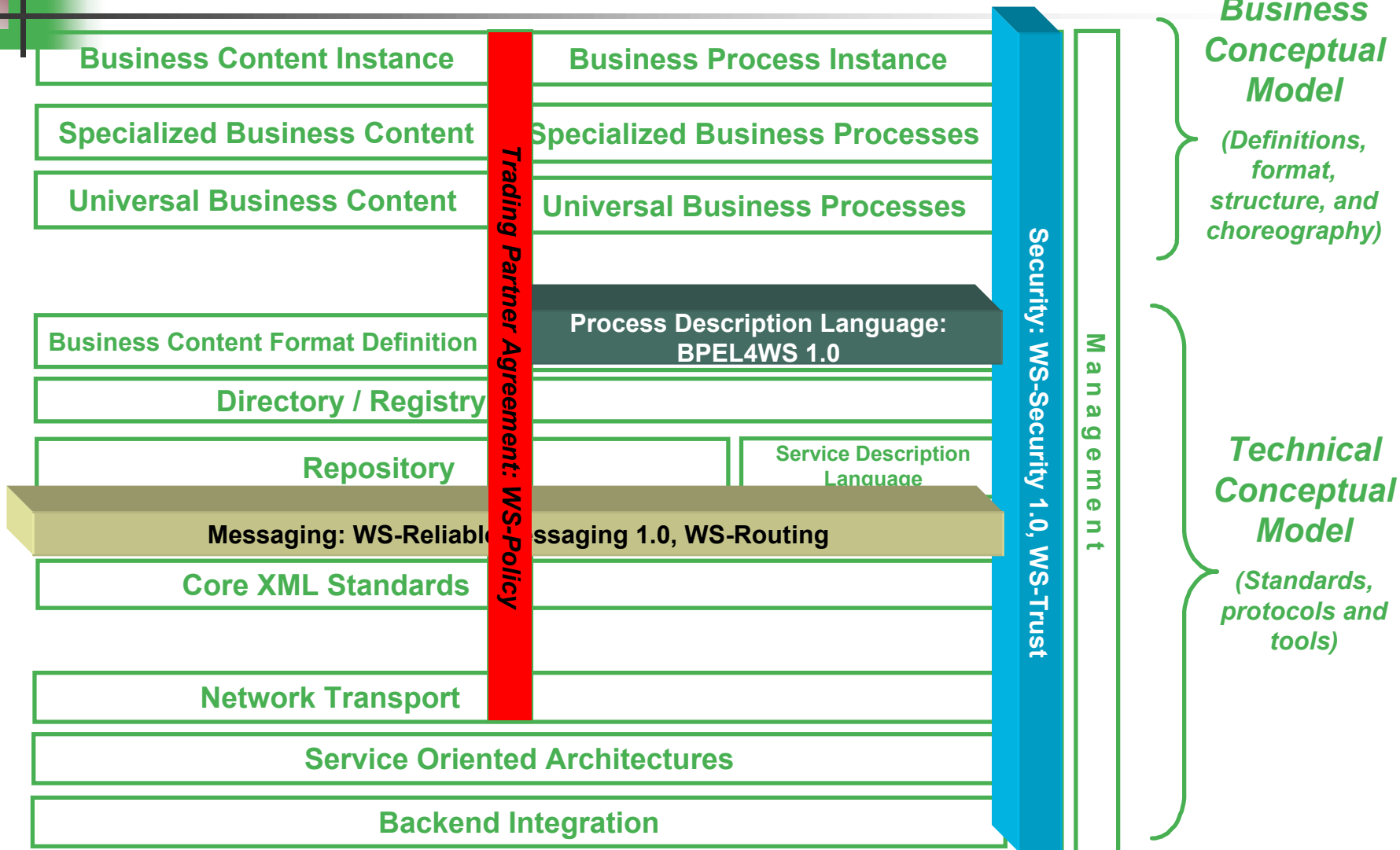
2004 XML Technologies In Production Compatible with Both ebXML and Web Services (OAGI, OASIS, W3C, IETF)



2004 ebXML-Specific Technologies In Production (OASIS, UN/CEFACT)



2004 Web Services Specific Technologies In Production (OASIS, W3C, WS-I)



2004 Web Services Specific Technologies in Production – These Don't Fit in the Framework (OASIS, W3C, WS-I)

- WS-Transaction
- WS-Coordination
- WS-RemotePortal

Summary of Technologies Implemented in Production

- 2002: OAGIS, SOAP, XML, XSL/XSLT, HTTP, TCP/IP, SSL, S/MIME
- 2003: Some companies will implement ebXML, some will implement Web Services, some will implement both.
  - All: Add XSD, WSDL, UDDI, XML Signature, XML Encryption, automotive OAGI BOD content from AIAG, Odette, STAR.
  - ebXML: Add ebXML Messaging, ebXML Registry/Repository, ebXML CPP/CPA, ebXML BPSS.
- 2004:
  - All: Deprecate S/MIME. ("Remove" is too strong a term. It will be around for some time. S/MIME shouldn't be used for new applications.)
  - Web Services: Add BPEL4WS, WS-Security, WS-Trust, WS-ReliableMessaging, WS-Policy. Plus additional technologies that aren't on the BIC B2B diagram (and aren't in ebXML): WS-Transaction, WS-Coordination, WS-RemotePortal